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BLUE SEAL®

E26 CONVECTION OVEN

SERVICE MANUAL

turbofan

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RETURN TO MAIN MENU

⚠ **WARNING:** **ALL INSTALLATION AND SERVICE REPAIR WORK MUST BE CARRIED OUT BY QUALIFIED PERSONS ONLY.**

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This manual is designed to take a more in depth look at the E26 convection oven for the purpose of making the unit more understandable to service people.

There are settings explained in this manual that should never require to be adjusted, but for completeness and those special cases where these settings are required to change, this manual gives a full explanation as to how, and what effects will result.

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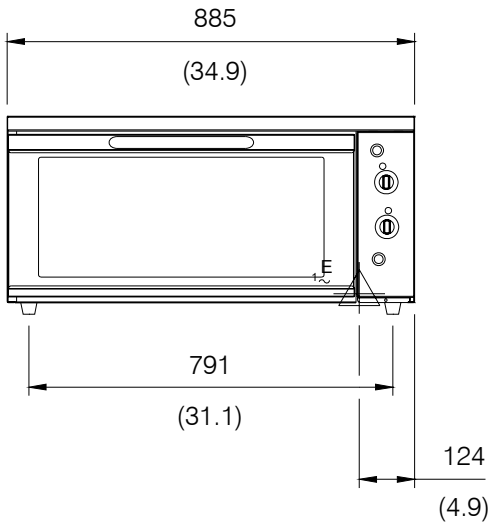
1. SPECIFICATIONS

MODEL: E26



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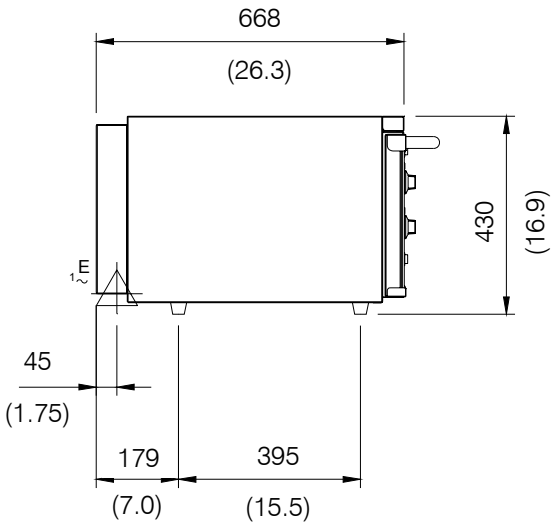
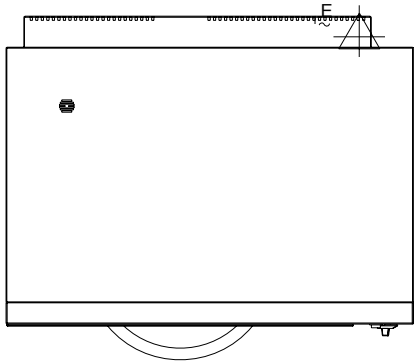


SIDE



PLAN

LEGEND

- Electrical connection entry point

Dimensions shown in millimetres.
Dimensions in inches shown in brackets.

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LOCATION

To ensure correct ventilation for the motor and controls the following minimum installation clearances are to be adhered to:

Top	200mm / 8”
Rear	25mm / 1”
Left-hand side	25mm / 1”
Right-hand side	25mm / 1”

OVEN INTERNAL DIMENSIONS

Width	635 mm / 25”
Height	270 mm / 10.5”
Depth	500 mm / 19.5”
Oven Volume	0.14 m³ / 5.0ft³

OVEN RACK SIZE

Width	600 mm
Depth:	400 mm

ELECTRICAL SUPPLY SPECIFICATION OPTIONS

220Vac, 50/60Hz, 11A, 2.4kW @ 220V
230-240Vac, 50Hz, 10A, 2.4kW @ 240V

ELECTRICAL PLUG SPECIFICATION REQUIREMENTS

Australia	3-pin 250V 10A, AS/NZ 3112
New Zealand	3-pin 250V 10A, AS/NZ 3112
United Kingdom	3-pin 250V 13A fused, BS 1363A
Other Countries	3-pin 250V 10A minimum, type to meet country standards

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2. INSTALLATION

WARNING: THIS APPLIANCE MUST BE GROUNDED.

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It is most important that the oven is installed correctly and that the operation is correct before use. Installation shall comply with local electrical, health and safety requirements.

BEFORE CONNECTION TO POWER SUPPLY

Unpack and check unit for damage and report any damage to the carrier and dealer. Report any deficiencies to your dealer. Check that the available power supply is correct to that shown on the rating plate located on the right-hand side panel.

E26

220Vac, 50/60Hz, 11A, 2.4kW @ 220V
230-240Vac, 50Hz, 10A, 2.4kW @ 240V

LOCATION

To ensure correct ventilation for the motor, and controls the following minimum installation clearances are to be adhered to:

Top	200mm / 8”
Rear	25mm / 1”
Left-hand side	25mm / 1”
Right-hand side	25mm / 1”

IMPORTANT: THE OVEN VENT LOCATED ON THE CABINET TOP MUST NEVER BE OBSTRUCTED.

Position the oven in its allocated working position. Use a spirit level to ensure the oven is level from side to side and front to back. (If this is not carried out, uneven cooking could occur). The feet used with bench mounting are adjustable and will require adjusting in levelling the unit. It should be positioned so the operating panel and oven shelves are easily reachable for loading and unloading.

BEFORE USE

Operate the oven for about 1 hour at 200°C (400°F) to remove any fumes or odours which may be present.

ELECTRICAL CONNECTION

E26 convection ovens are supplied with pre-fitted cords. Ensure unit is fitted with the correct cord and plug for the installation. Refer specifications section.
Should changing of the cord be necessary, gain access to the electrical connection terminal block, grounding lug, and strain relief by removing the back panel (four screws).

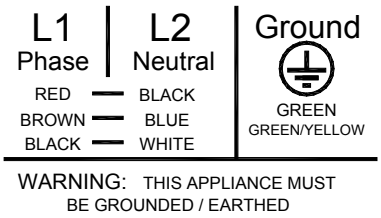

Figure 2.1

RATING PLATE LOCATION

The rating plate for the E26 convection oven is located at the bottom left corner of the RH side panel.

Figure 2.2

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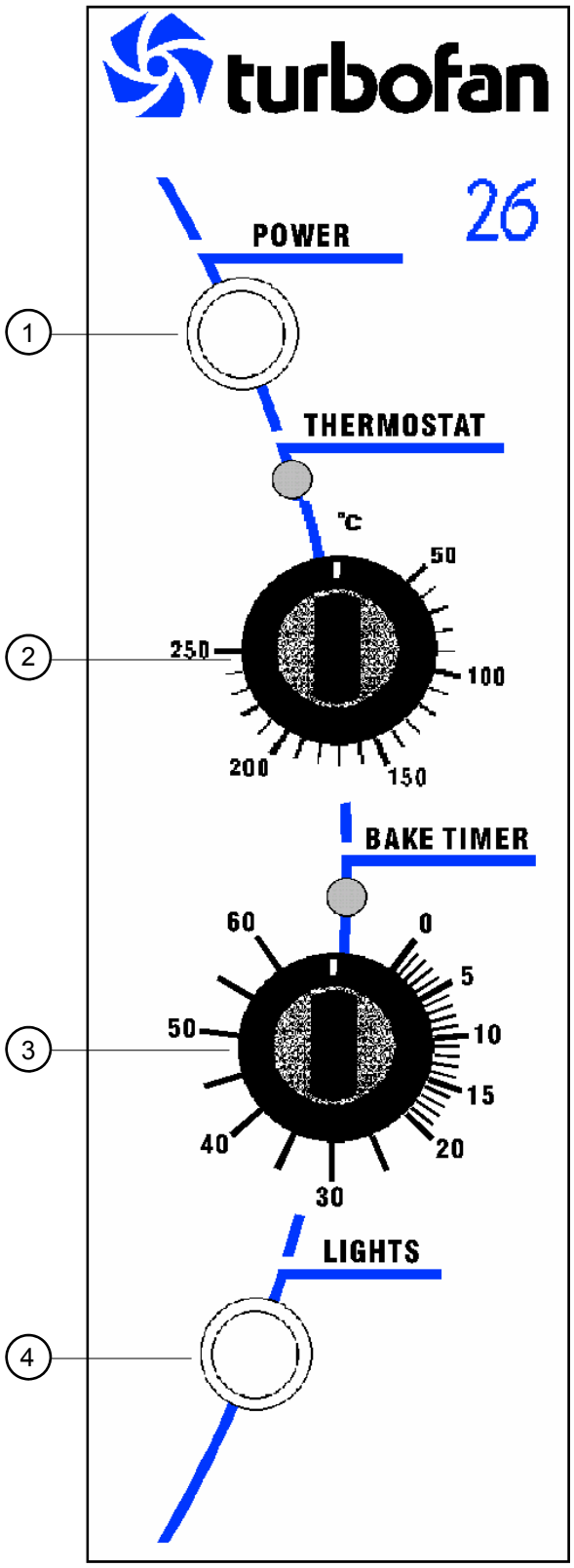
3. OPERATION

NOTE: A full user's operation manual is supplied with the product and can be used for further referencing of installation, operation and service.

3.1 DESCRIPTION OF CONTROLS - E26



1. POWER
Depress to switch power on or off (switch illuminates when power is on).

2. THERMOSTAT
Temperature range 50 - 250°C.
Light illuminates when elements are cycling ON to maintain set temperature.

3. BAKE TIMER
1 Hour bake timer.
(Light illuminates when "time up" (0) reached, and buzzer sounds).

4. LIGHT SWITCH
Push switch to activate light.
(Light illuminates while button depressed).

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3.2 EXPLANATION OF CONTROL SYSTEM

The E26 Turbofan convection ovens feature multi-function operator controls for which a correct understanding of their operation is required before carrying out any service or fault repair work. The control device functions are explained as follows:

A power switch on the control panel isolates power to all the controls of the oven. With the power switch Off all functions of the oven are inoperable.

With the power switch On (illuminated) power is directly supplied to the 60 minute bake timer, door microswitch, temperature control circuit, fan motor, and the light switch. The light switch will turn the oven light on when the door is closed, but only whilst the light switch is held in.

The door microswitch on the E26 oven controls the oven light only. Accordingly the light will come on when the door is opened but the circulation fan and fan element will remain on.

The 60 minute timer is a mechanical timer and can therefore be operated with the oven's power switch On or Off. However, only with the oven's power switch On will the switch contacts of the 60 minute timer turn on the time-up buzzer and illuminate the time-up indicator on the control panel. The buzzer and time-up indicator provide indication that the time setting has run down to zero and at this point will remain On continuously until the 60 minute timer has been manually set back to the Off (vertical) position. The 60 minute timer does not control any other part of the oven's operating system as this timer is independent of the temperature control and heating system.

The temperature control of these ovens is with a capillary type thermostat which can be set to a required cooking temperature.

The E26 has an element coiled around the circulation fan in the rear of the oven. Power to the element is provided directly from the thermostat. The control panel indicator light above the thermostat knob cycles on and off with the thermostat to indicate when the element is on and the oven is heating. In the 'Off' position, the element relies on the thermostatic control to prevent it switching on. Accordingly, if the oven temperature drops below approximately 20°C the thermostat and element may cycle on at this setting.

The following Troubleshooting Guide should be used to identify any incorrect oven operation. On correct identification of the operating fault the Troubleshooting Guide will make reference to the corrective action required, or refer to the Fault Diagnosis section and/or Service section to assist in correction of the fault.

4. MAINTENANCE

⚠ **WARNING: ALL INSTALLATION AND SERVICE REPAIR WORK MUST BE CARRIED OUT BY QUALIFIED PERSONS ONLY.**

4.1 CLEANING

⚠ **WARNING: ALWAYS TURN THE POWER SUPPLY OFF BEFORE CLEANING.**

IMPORTANT: THIS UNIT IS NOT WATER PROOF.
DO NOT USE A WATER JET SPRAY TO CLEAN INTERIOR OR EXTERIOR OF THIS UNIT.

EXTERIOR

Clean with a good quality stainless steel cleaning compound. Harsh abrasive cleaners may damage the surface.

INTERIOR

Ensure that the oven chamber is cool. Do not use wire brushes, steel wool or other abrasive materials. Clean the oven regularly with a good quality oven cleaner. Take care not to damage the fan or the tube at the right side of the oven which controls the thermostat.

OVEN RACKS

To remove, slide out to the stop position, raise the front edge up, and lift out.

BOTTOM BAFFLE

Slide forward and lift out. When replacing, ensure tray is pushed fully in to rear of oven.

SIDE RACKS

Loosen rear thumbscrew 2-3 turns. Remove front thumbscrew and pull rack forward to dis-engage rear screw then lift out. Replace in reverse order.

FAN BAFFLE

To remove, undo thumbscrew (counter-clockwise rotation) at top of baffle and remove. Lift baffle out from rear of oven by tilting forward while lifting out of location studs at baffle base. Replace in reverse order.

OVEN SEALS

To remove, hold at their centre point and pull forward until they unclip. Remove side seals first, then top and bottom. The seals may be washed in the sink, but take care not to cut or damage them. To replace, ensure that the lip is facing the oven opening. Fit the top and bottom seals first, then the side seals.

OVEN DOOR GLASS

Clean with conventional glass cleaners

4.2 ROUTINE PROCEDURES

DOOR SEALS

Check for deterioration 12 months

ELEMENTS

Check that element resistances 12 months are correct to their ratings (refer 6.3.9)

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5. TROUBLE SHOOTING

⚠ **WARNING: ALL INSTALLATION AND SERVICE REPAIR WORK MUST BE CARRIED OUT BY QUALIFIED PERSONS ONLY.**

FAULT	POSSIBLE CAUSE	REMEDY
THE OVEN DOES NOT OPERATE / START	The mains isolating switch on the wall, circuit breaker or fuses are “off” at the power board.	Turn on.
	The power switch on the oven is off.	Depress switch. Switch will illuminate.
	Incorrect electrical supply. **(Refer fault diagnosis 6.1.1)**	Ensure electrical supply correct.
	Power switch on unit faulty. **(Refer fault diagnosis 6.1.1)**	Replace. **(Refer service section 6.3.4)**
FAN DOESN’T OPERATE	Fan motor faulty. **(Refer fault diagnosis 6.1.2)**	Replace. **(Refer service section 6.3.10)**
	Wiring.	Check and tighten any loose wiring.
OVEN LIGHT NOT ILLUMINATING - DOOR OPEN	Blown bulb.	Replace. **(Refer service section 6.3.1)**
	No power to light. **(Refer fault diagnosis 6.1.3)**	Correct fault.
OVEN LIGHT NOT ILLUMINATING - DOOR CLOSED	Blown bulb.	Replace. **(Refer service section 6.3.1)**
	Light switch faulty. **(Refer fault diagnosis 6.1.4)**	Replace. **(Refer service section 6.3.4)**
60 MINUTE TIMER WILL NOT TIME DOWN	Timer faulty.	Replace. **(Refer service section 6.3.6)**
60 MINUTE TIMER INACCURATE BELOW 20 MINUTES	Timer not set correctly.	For timer settings below 20 minutes, always rotate past 20 minutes, then back to desired time.
	Zero (time up) position not set correctly.	**(Refer service section 6.4.3)**
60 MINUTE TIMER NO TIME UP BUZZER	Buzzer faulty. **(Refer fault diagnosis 6.1.5)**	Replace. **(Refer service section 6.3.5)**
	Timer not switching on buzzer. **(Refer fault diagnosis 6.1.5)**	Replace. **(Refer service section 6.3.6)**
60 MINUTE TIMER NO TIME UP INDICATOR	Indicator faulty. **(Refer fault diagnosis 6.1.6)**	Replace. **(Refer service section 6.3.3)**

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FAULT	POSSIBLE CAUSE	REMEDY
NO HEAT	No power to thermostat. **(Refer fault diagnosis 6.1.7)** Thermostat faulty. **(Refer fault diagnosis 6.1.7)** Fan element faulty **(Refer fault diagnosis 6.1.10)**	Identify fault and correct. Replace. **(Refer service section 6.3.7)** Correct element fault. **(Refer Fault: Fan Element)**
NO TEMPERATURE CONTROL	Thermostat faulty. **(Refer fault diagnosis 6.1.8)**	Replace. **(Refer service section 6.3.7)**
SLOW RECOVERY	Overloading of oven. Electrical supply incorrect. Fan not working. Thermostat calibration. **(Refer fault diagnosis 6.1.9)** Fan element not working.	Reduce oven loading. Check supply voltage is as per rating plate voltage. Check fan operation. Correct calibration. **(Refer service section 6.4.1, 6.4.2)** Correct element fault. **(Refer Fault: Fan element)**
FAN ELEMENT NOT WORKING NO THERMOSTAT HEATING INDICATOR LIGHT	Element faulty (blown). **(Refer fault diagnosis 6.1.10)** Indicator faulty. **(Refer fault diagnosis 6.1.11)**	Replace. **(Refer service section 6.3.8)** Replace. **(Refer service section 6.3.3)**
DOOR DOES NOT CLOSE	Tray in way of door. Door seal obstruction. Door hinges worn. Door hinge counter brackets worn.	Correctly position tray in rack. Correctly install door seal. **(Refer service section 6.3.13)** Replace. **(Refer service section 6.3.15)** Replace. **(Refer service section 6.3.16)**
DOOR SEAL LEAKS	Door seal damaged. Door seal incorrectly fitted.	Replace. **(Refer service section 6.3.13)** Correctly install door seal. **(Refer service section 6.3.13)**

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6. SERVICE PROCEDURES

WARNING: ENSURE POWER SUPPLY IS SWITCHED OFF BEFORE SERVICING.

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6.1 FAULT DIAGNOSIS

6.1.1 OVEN DOES NOT OPERATE / START

Incorrect electrical supply

Check that the voltage across phase and neutral (L1 and L2) terminals of terminal block is the voltage as stated on the unit's electrical rating plate.

If incorrect, check electrical connection of supply wiring and / or check electrical supply.

Power switch faulty

Check if power switch latches. If the switch does not latch, then switch is faulty—replace.

With switch latched, check voltage across terminal one to terminal three or four. If there is no voltage, check for fault in wiring.

Check voltage across terminal two to terminal three or four. If there is no voltage, then switch is faulty—replace.

NOTE: When power switch is latched, it should illuminate if operating correctly.

6.1.2 FAN DOESN'T OPERATE

Fan motor faulty

Check the supply voltage across motor terminals. If there is no voltage then check the electrical connections of supply wiring.

If voltage is correct then check the oven fan for free rotation. Remove any obstruction.

If fan is free to spin and the voltage supply is correct, then the motor is faulty—replace.

6.1.3 OVEN LIGHT NOT ILLUMINATING—DOOR OPEN

No power to light

Check the supply voltage across lamp housing terminals at rear of oven. If the voltage is correct, replace the bulb (if faulty). If the bulb is OK, check lamp housing. Replace if faulty.

If there is no voltage, open oven door and manually depress then release door microswitch actuator at top right of oven. Check actuator moves freely under spring tension of microswitch. If not, free up actuator and adjust microswitch actuator arm as required.

Check voltage across micro-switch terminals to neutral.

With the door closed there should be power to the com terminal and the n.o. terminal.

With the door open there should be power to the com terminal and the n.c. terminal.

If not, microswitch is faulty—replace.

6.1.4 OVEN LIGHT NOT ILLUMINATING—DOOR CLOSED

Light switch faulty

Check voltage to the top terminal of the switch. If there is no voltage, then check wiring.

With switch depressed, check voltage at bottom terminal. If there is no voltage, then replace the switch.

If voltage is correct, then check wiring to light.

NOTE: Alternately, perform a continuity test across the terminals with the light switch depressed.

6.1.5 60 MINUTE TIMER NO TIME UP BUZZER

Buzzer faulty

With timer in 'zero' position, check the buzzer at bottom of control panel (inside) for voltage across terminals. If voltage is correct then buzzer is faulty—replace.

If there is no voltage, then check wiring.

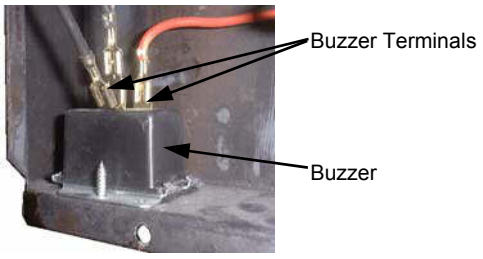

Figure 6.1.1

Timer not switching on buzzer

With timer in zero position, check voltage to the input and output terminal of timer. If there is no voltage at input terminal then check wiring.

If no voltage at output terminal then timer is faulty—replace.

NOTE: Buzzer and time up indicator will continue until the timer manually switched off (to vertical position).

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6.1.6 60 MINUTE TIMER NO TIME UP INDICATOR

Indicator faulty

With the timer in the zero position, check for voltage across the indicator light. If correct, then the indicator light is faulty—replace.

If there is no voltage then check wiring.

6.1.7 NO HEAT

No power to thermostat

Check voltage to terminal P (top terminal) on oven thermostat. If there is no voltage then check wiring.

Thermostat faulty

Set thermostat to 200°C or 400°F. Check the voltage out of terminal 1 on the thermostat. If there is no voltage then the thermostat is faulty—replace.

If the voltage is correct and the heating light is on then check all wiring to elements.

6.1.8 NO TEMPERATURE CONTROL

Thermostat faulty

With thermostat in 'off' position (knob vertical), slowly turn thermostat up until heating indicator just comes on. Wait for heating indicator to cycle off. If indicator has not cycled off after 10 minutes then thermostat is faulty—replace.

NOTE: Thermostat may cycle on and off with the knob set to the 'off' position if the oven temperature is below 20°C.

6.1.9 SLOW RECOVERY

Thermostat out of calibration

Place an accurate digital thermometer probe in centre of oven. Set thermostat to 180°C or 355°F. Close the oven door and allow oven thermostat to cycle on and off twice. Record oven centre temperature for the next thermostat on and off cycle. The thermostat should cycle on and off between 170°C and 205°C or 335°F and 400°F when set to the above temperature. If oven temperature is outside these ranges, then the thermostat requires recalibration.

NOTE: Thermostat cycling span should be ±18°C or 32°F. Under no load conditions the oven runs slightly hotter than the selected thermostat temperature.

6.1.10 FAN ELEMENT NOT WORKING

Element faulty (blown)

With the thermostat on and heating check voltage across fan element terminals at rear of oven. If the voltage is correct then check the current draw of element. If there is no current draw then element is faulty—replace.

NOTE: Correct fan element current draw:
220-240 V: 10A ± 1.5A

Thermostat faulty

If there is no voltage to element terminals then check voltage is being supplied to fan element from terminal 1 on the thermostat. If no voltage at 1 then check for voltage at terminal P. If power to P (and none to 1), then the thermostat is faulty—replace.

6.1.11 NO THERMOSTAT HEATING INDICATOR

Indicator faulty

With the thermostat on and heating, check the voltage across the indicator terminals. If the voltage is correct then the indicator is faulty—replace.

If there is no voltage then check wiring.

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6.2 ACCESS

6.2.1 CONTROL PANEL

1) Undo one screw at bottom of control panel.

Figure 6.2.1

2) Pull out bottom of control panel and drop down to disengage tabs at top of control panel.

6.2.2 SERVICE (REAR) PANEL

1) Undo the four screws holding the panel.

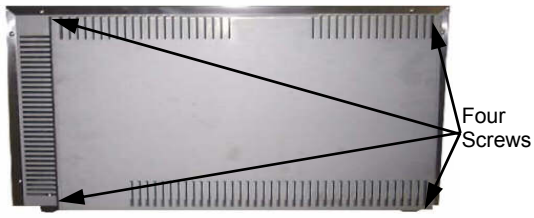

Figure 6.2.2

2) Remove panel.

6.2.3 BAFFLE

1) Remove trays, racks and bottom tray.
2) Undo thumbscrew (top).

Figure 6.2.3

3) Remove baffle.

6.2.4 CONTROL PANEL—REAR

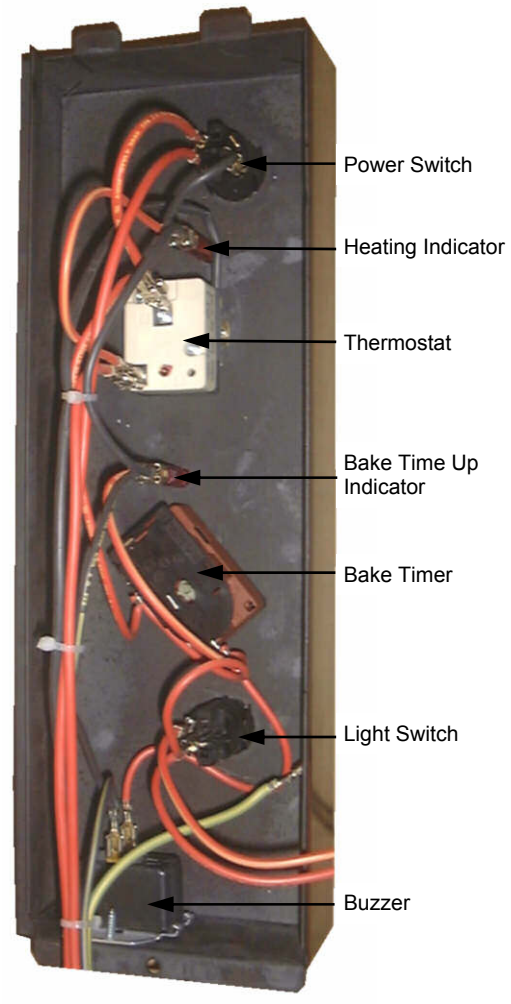

Figure 6.2.4

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6.3 REPLACEMENT

6.3.1 LIGHT BULB / GLASS

1) Unscrew lamp cover.

Figure 6.3.1

2) Unscrew bulb out of fitting.
3) Screw in replacement bulb.
4) Replace lamp cover

6.3.2 DOOR MICROSWITCH

1) Open oven door.
2) Open control panel (refer 6.2.1).
3) Remove two screws holding microswitch to bracket.

Figure 6.3.2

4) Transfer wires to new micro-switch and re-assemble.
5) Adjust microswitch (refer 6.4.2).

6.3.3 INDICATOR NEON LIGHT

1) With control panel open (refer 6.2.1) remove the wires from the back of the neon.

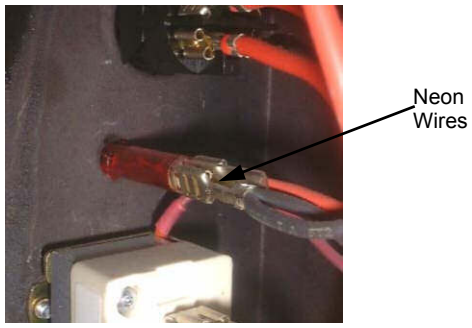

Figure 6.3.3

2) From back push neon through front of panel rotating clockwise.
3) Push new neon in from front of panel, and reconnect wires.

6.3.4 POWER / LIGHT SWITCHES

1) With control panel open (refer 6.2.1) remove the wires from the back of the switch, noting their positions.

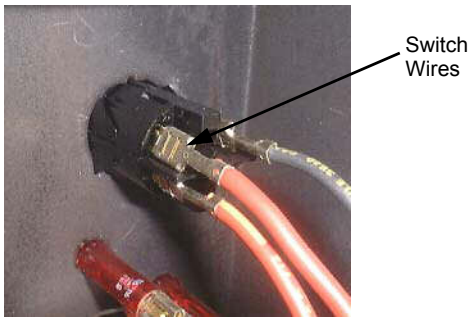

Figure 6.3.4

2) From back push switch through front of panel.
3) Push new switch in from front of panel, and reconnect wires.

6.3.5 BUZZER

1) Remove control panel (refer 6.2.1).
2) Remove two screws holding buzzer to panel.

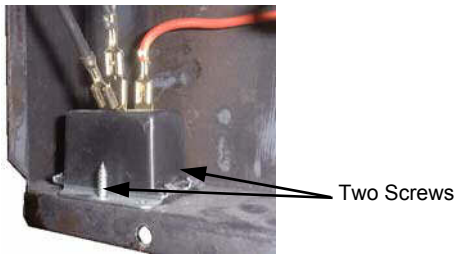

Figure 6.3.5

4) Transfer wires to new buzzer.
5) Reassemble in reverse order.

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6.3.6 BAKE TIMER

1) Remove bake timer knob by pulling it firmly away from control panel.
2) Open control panel (refer 6.2.1) and undo two screws securing timer.

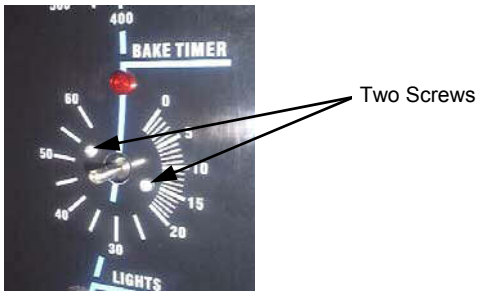

Figure 6.3.6

3) Transfer wires to new timer.
4) Withdraw old timer and insert new timer, securing with screws.
5) Replace knob.

6.3.7 THERMOSTAT

1) Pull knob off front of thermostat.
2) Open control panel (refer 6.2.1) and undo two screws securing thermostat.

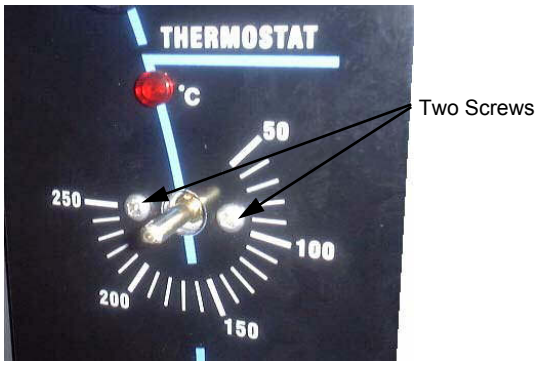

Figure 6.3.7

3) Transfer wires to new thermostat.
4) Remove service panel (refer 6.2.2) and from inside of oven loosen two screws holding thermostat phial bracket.

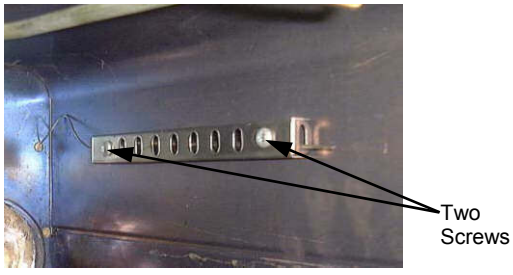

Figure 6.3.8

5) Withdraw old thermostat phial through rear of oven.
6) Insert new thermostat.
7) Re-assemble in reverse order.

6.3.8 ELEMENT

1) With service panel and baffle removed (refer 6.2.2 and 6.2.3) remove the wires from the element.
2) Unscrew the element from inside the oven.

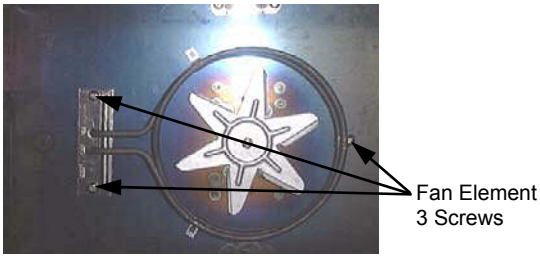

Figure 6.3.9

3) Pull element carefully to remove.
4) Replace and re-assemble in reverse order.

Element Ratings (at room temperature)

220V	Fan Element	20 ohms ±5%
230-240V	Fan Element	24 ohms ±5%

6.3.9 FAN

1) With baffle removed (refer 6.2.3) undo the centre nut.

NOTE: LH thread - Turn clockwise to loosen.
From S/N 250979 Take care with Spacer.
Up to S/N 250978 Take care not to lose the two washers.

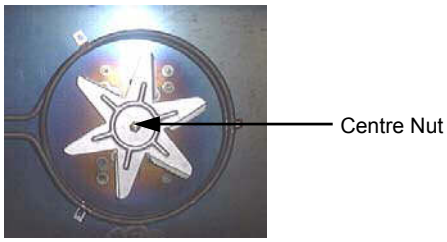

Figure 6.3.10

2) Replace and reassemble in reverse order.

NOTE: Reassemble with spacer behind fan.
or
Reassemble with one washer behind fan, and one washer in front.

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6.3.10 MOTOR

1) Remove fan (refer 6.3.9), remove service panel (refer 6.2.2), and then remove the wires that go to the motor.
2) Undo the four screws holding the motor bracket in place (from the outside) and remove motor assembly.
3) Remove three screws holding motor to bracket and remove motor. (fig 6.3.11)
4) Replace and re-assemble in reverse order.
5) Ensure wire connections are correct (fig 6.3.12 and 6.3.13)

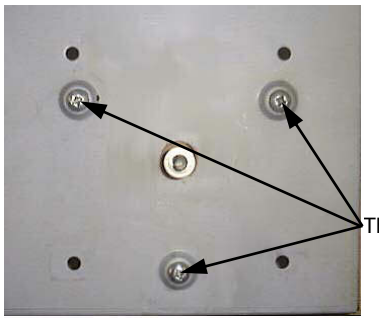

Figure 6.3.11

220 - 240V Motors (from S/N 250979)

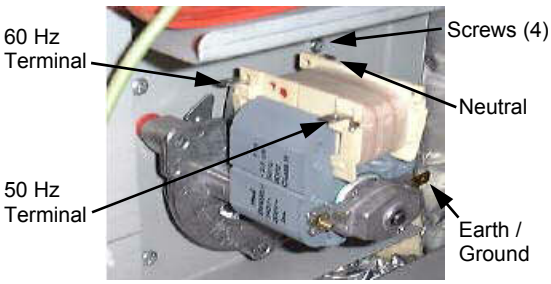

Figure 6.3.12

220 - 240V Motors (up to S/N 250978)

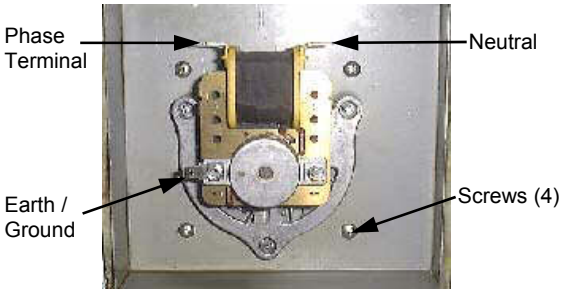

Figure 6.3.13

6.3.11 OUTER GLASS

1) Open the oven door.
2) Lock hinges into position by rotating the hinge locking clip over the hinge locking notch.

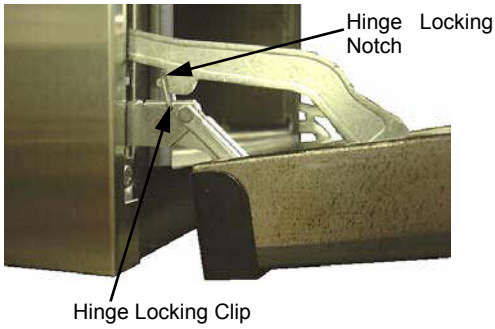

Figure 6.3.14

3) Lift door away from the oven and place on a flat surface.
4) Undo three screws and remove the trim from the bottom of the door. Carefully withdraw the glass.

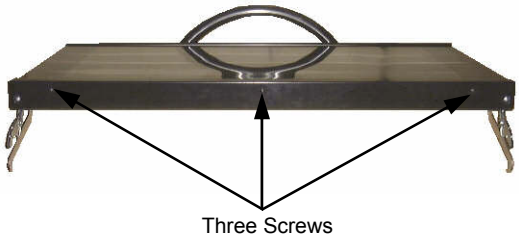

Figure 6.3.15

5) To replace, ensure that the three silicone rubber seals are in place, one each side of the door frame and one on bottom centre. Clean the inside of the glass and refit, ensuring that the silicone rubber seals cover the outer edges of the glass. Refit the bottom trim, and fit the door to the oven.

6.3.12 INNER GLASS

1) Remove the outer glass (refer 6.3.11).
2) Undo three screws and remove the top trim and handle assembly.

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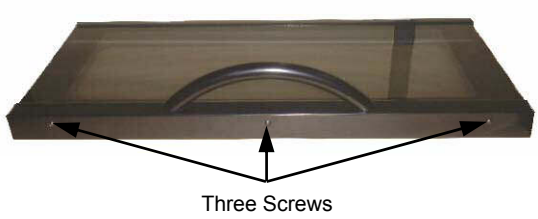

Figure 6.3.16

3) Uncrimp the retaining lugs of the window spacer and remove the spacer and glass.

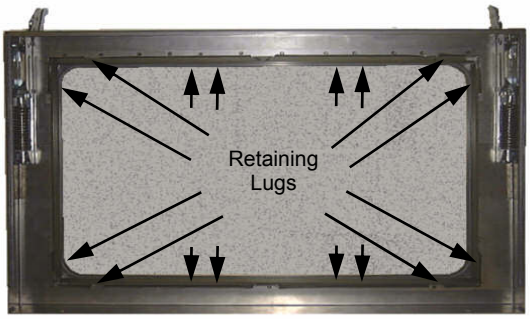

Figure 6.3.17

4) To replace, ensure the silicone rubber seal has not been displaced. Clean the glass and refit it. Place the window spacer in position and crimp the retaining lugs over to hold the glass in place. Refit outer glass as above.

6.3.13 DOOR SEALS

1) Open oven door.
2) To remove, hold at their centre point and pull forward until they unclip
3) Refit new seals.

   Note: Fit top and bottom seals first, with open side of seal facing downwards. Fit side seals with open side facing outwards.

6.3.14 DOOR HANDLE

1) Remove the door (refer 6.3.11).
2) Undo three screws and remove the top trim and handle assembly, taking care not to dislodge the outer glass.
3) Undo two bolts securing handle to top trim. Replace handle and reassemble in reverse order.

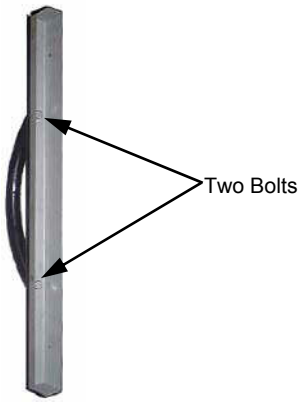

Figure 6.3.18

6.3.15 DOOR HINGES

1) Remove outer glass (refer 6.3.12).
2) Undo two screws securing hinge assembly to oven door.

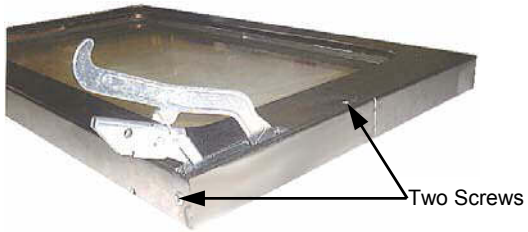

Figure 6.3.19

3) Withdraw hinge assembly and replace. Reassemble in reverse order.

6.3.16 HINGE COUNTER BRACKETS

1) Remove door (refer 6.3.12).
2) Remove screws from back of oven securing wrapper to oven.

Figure 6.3.20

3) Turn oven onto its back and remove three screws at each side securing wrapper, and two securing insulation panel.

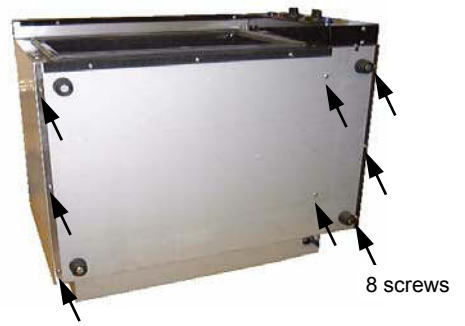

Figure 6.3.21

4) Undo three screws and remove lintel cover.
5) Remove control panel (refer 6.2.1) and microswitch bracket (refer 6.3.2). Place inside oven.
6) Remove three screws securing lintel support to oven and remove.

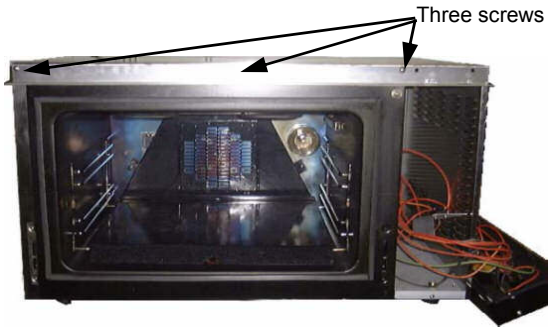

Figure 6.3.22

7) Remove wrapper.
8) Undo two screws securing left hand counter bracket to oven and remove. Replace, ensuring that bracket is installed with roller to top.

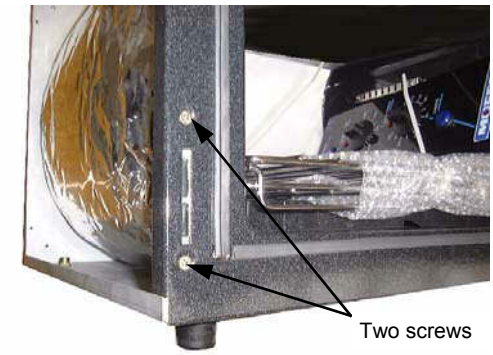

Figure 6.3.23

9) Remove two screws securing insulation panel to oven liner.

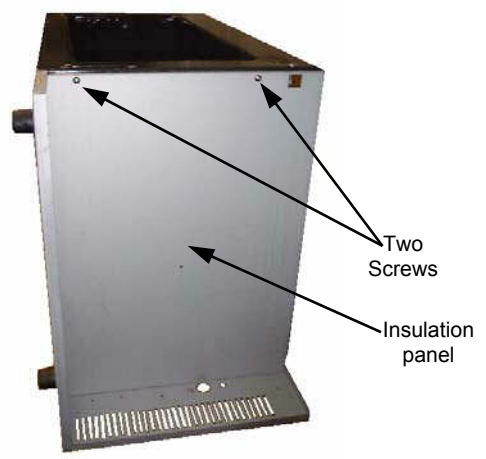

Figure 6.3.24

10) Prise open the insulation panel to allow access to the right hand counter bracket. Undo two screws securing bracket, and remove bracket.

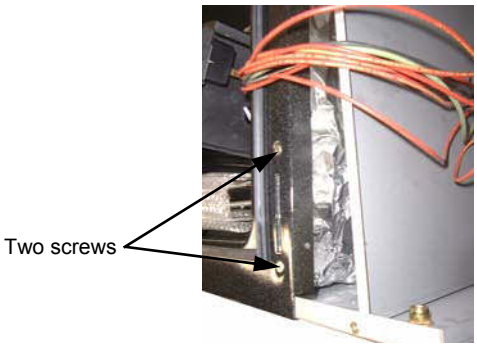

Figure 6.3.25

11) Replace, ensuring roller to top of bracket. Re-assemble in reverse order.

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6.4 ADJUSTMENT / CALIBRATION

6.4.1 THERMOSTAT CALIBRATION

IMPORTANT: IF THE OVEN TEMPERATURE NEEDS TO BE INCREASED, ENSURE THAT THE THERMOSTAT IS IN THE 'OFF' POSITION BEFORE CARRYING OUT ADJUSTMENT.
IF OVEN TEMPERATURE NEEDS TO BE DECREASED, ENSURE THERMOSTAT IS IN THE 'MAX' TEMPERATURE POSITION BEFORE CARRYING OUT ANY ADJUSTMENT.

1) Turn off power.
2) Remove thermostat knob by pulling it firmly away from control panel.
3) Adjust the calibration screw located in the centre of the thermostat shaft.

   To increase oven temperature, turn calibration screw anticlockwise.
   To decrease oven temperature, turn calibration screw clockwise.
   Adjustment of the calibration nut by 1° angular will alter oven temperature by approximately 0.8°C (1.5°F).

Figure 6.4.1

6.4.2 DOOR MICROSWITCH ADJUSTMENT

1) Open oven door.
2) Open control panel (refer 6.2.1).
3) With fingers, bend actuator arm of microswitch so that switch operates when door is in closed position.

Figure 6.4.2

6.4.3 60 MINUTE TIMER ZERO POSITION ADJUSTMENT

1) Remove 60 minute timer knob by pulling it firmly away from control panel.
2) Open control panel (refer 6.2.1). Loosen two screws on control panel holding 60 minute timer.

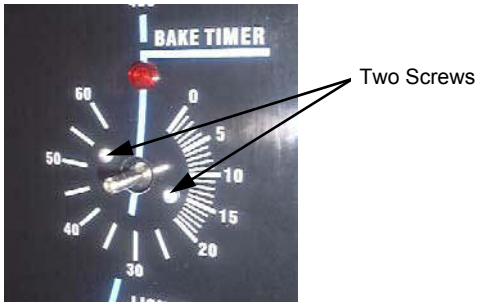

Figure 6.4.3

3) The timer can now be rotated as required to ensure that the buzzer sounds at the zero position.

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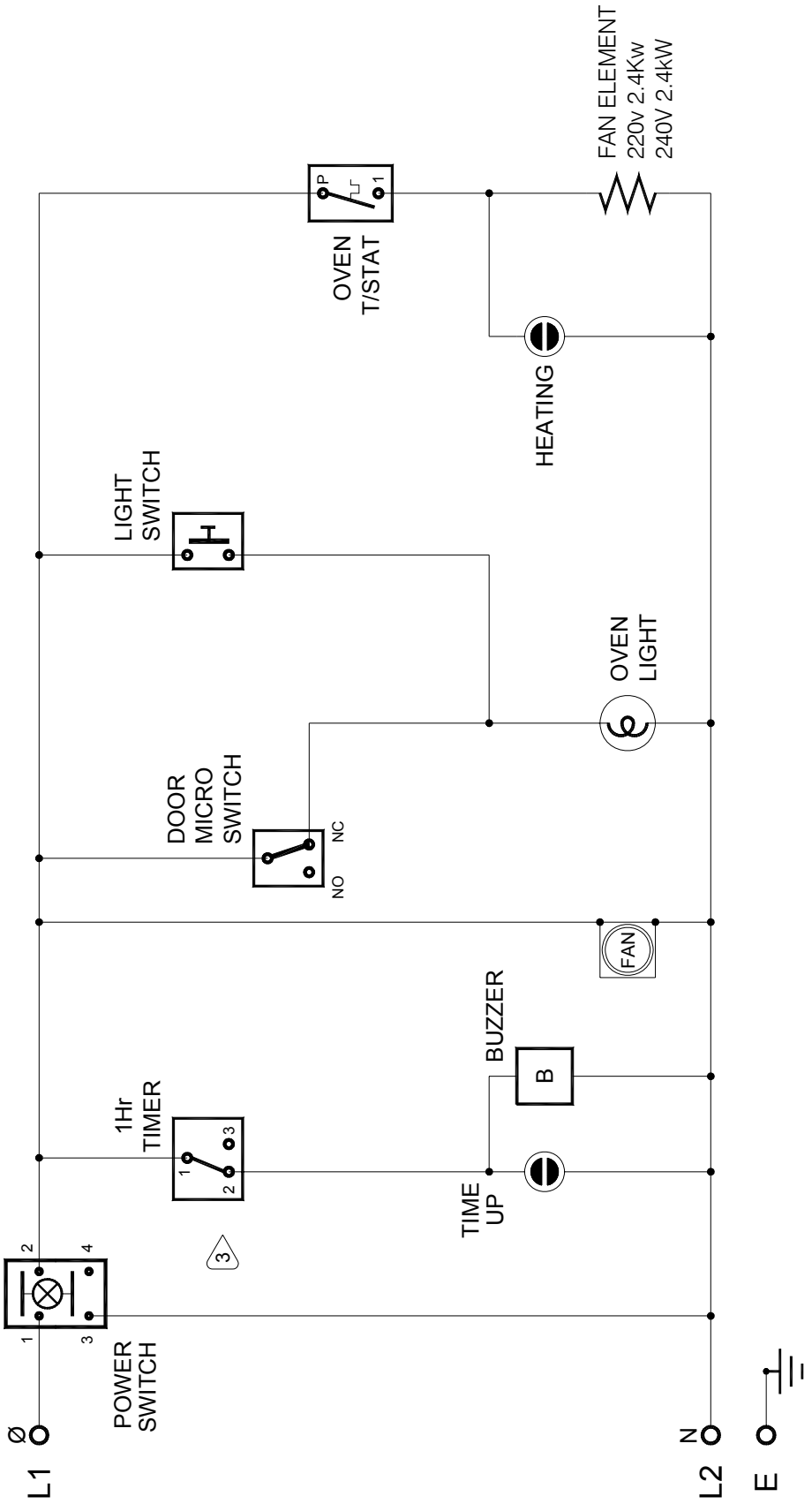
7. ELECTRICAL CIRCUIT SCHEMATIC

E26



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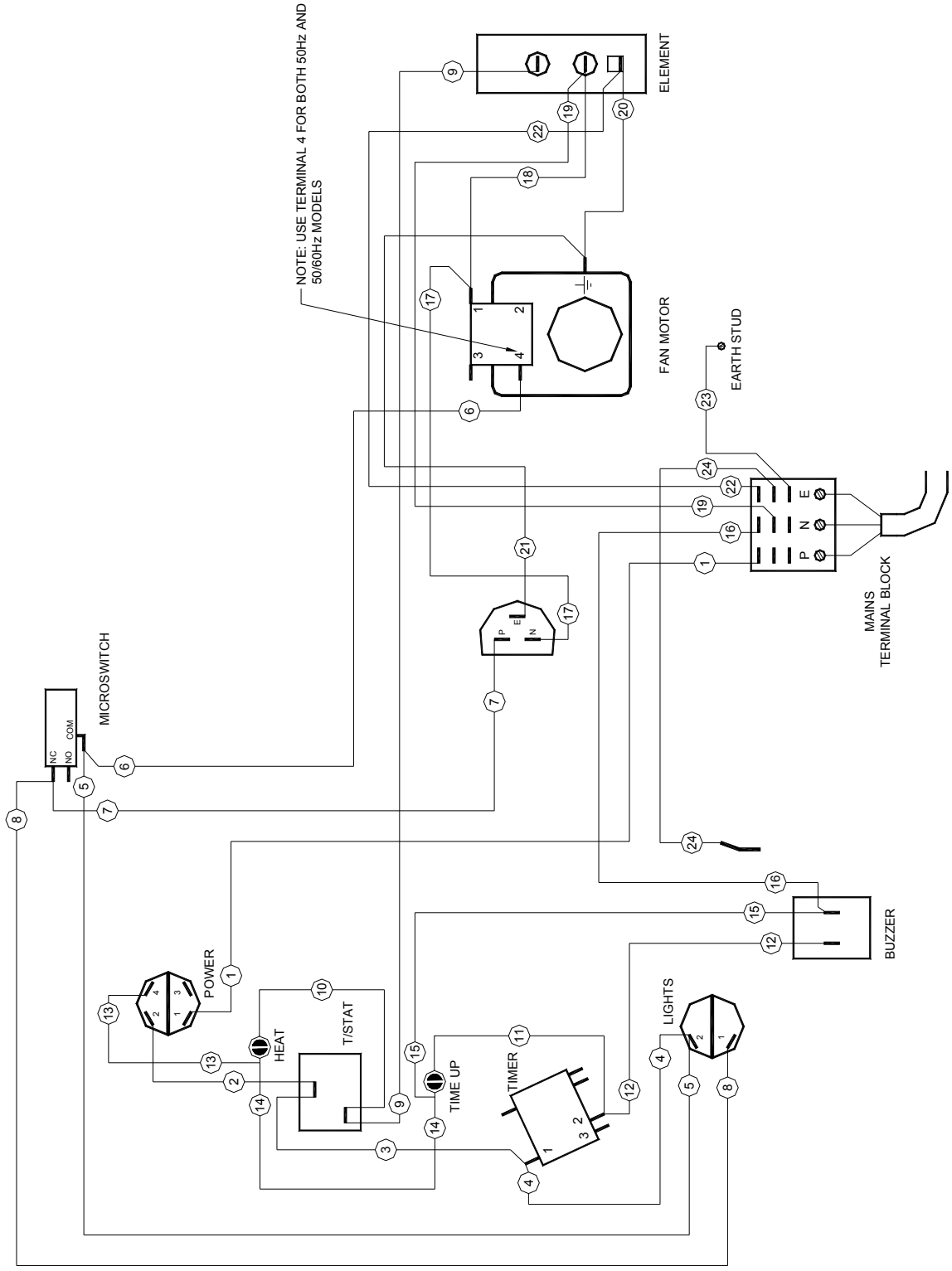
8. ELECTRICAL WIRING DIAGRAM

E26 (From S/N 250979)



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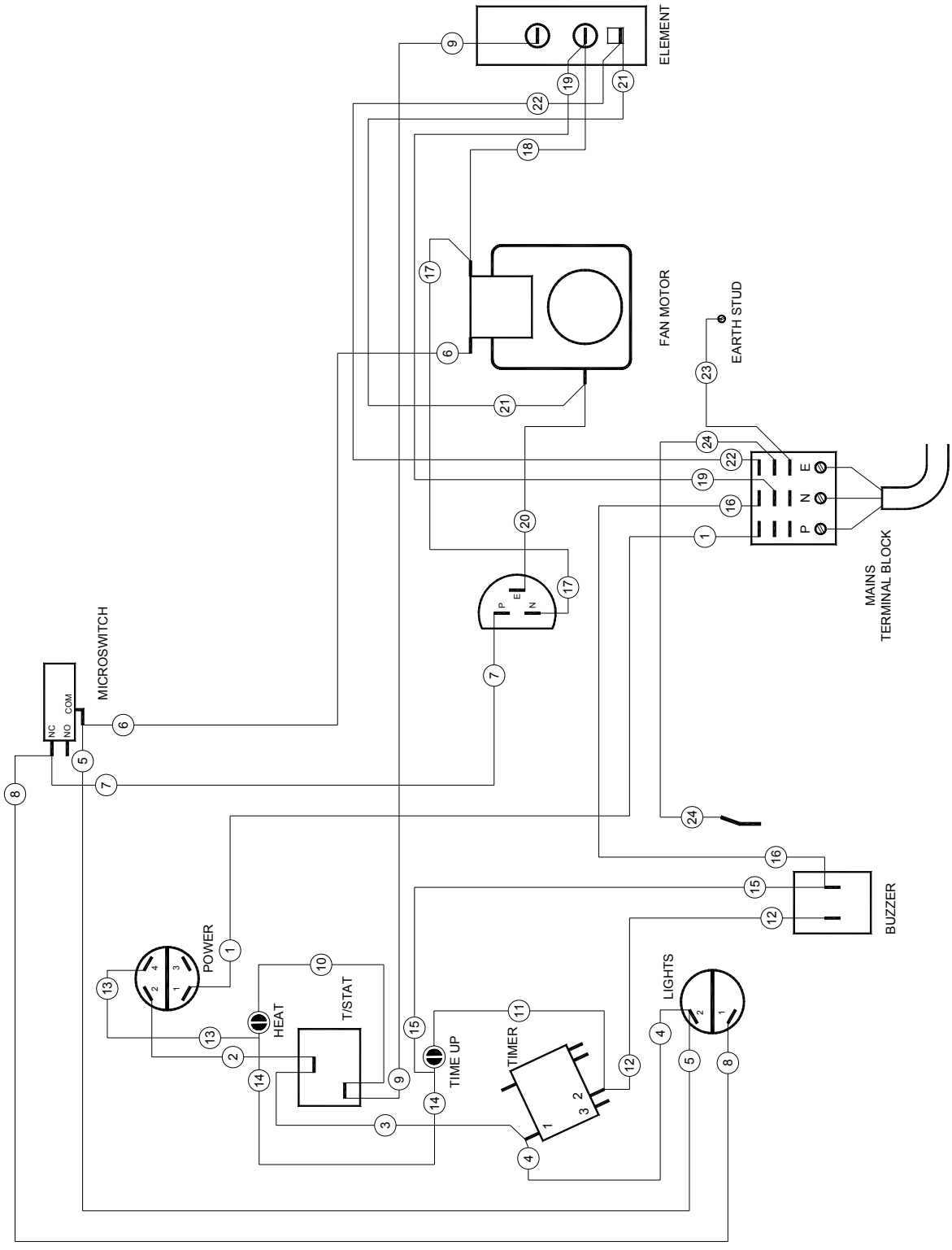
E26 (Up to S/N 250978)



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9. SPARE PARTS

PART NO	DESCRIPTION
CONTROLS	
021473	Switch - Power
023211	Thermostat
021472	Knob - Thermostat
020823	Knob - Bake Timer
020849	Neon Indicator
023212	Bake Timer Coupatan (To S/N 228661)
011760	Bake Timer Diehl (From S/N 228662)
011794	Buzzer
021474	Light Switch
003004	Microswitch
003002	Oven Lamp Glass
013520	Oven Lamp Assembly
013521	Oven Lamp - 240V 40W Miniature Edison Screw
MOTOR & ELEMENTS	
023371	Oven Fan Element (240V)
023372	Oven Fan Element (220V)
013431K	Fan Motor (220 - 240V) **(From S/N 250979)**
022042	Fan
023215	Fan Motor (c/w fan) **(Up to S/N 250978)**
DOOR	
023099	Oven Door Seal Strip Side
023192	Oven Door Seal Strip Top/Bottom
021468	Handle
023187	Handle Stiffener
023064	Door Outer Glass
023065	Door Inner Glass
023218	Door Hinge
RACKS/BAFFLES	
024835	Oven Side Rack LH
024836	Oven Side Rack RH
023068	Side Rack Screw
023273	Oven Rack
023382	Fan Baffle
023068	Fan Baffle Screw
004869	Bottom Baffle

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10. ACCESSORIES

OVEN RACKS (PART NO 023273)

100 MM (FOUR INCH) FOOT OPTION (PART NO 13048)

25 MM (ONE INCH) FOOT OPTION (PART NO 13908)

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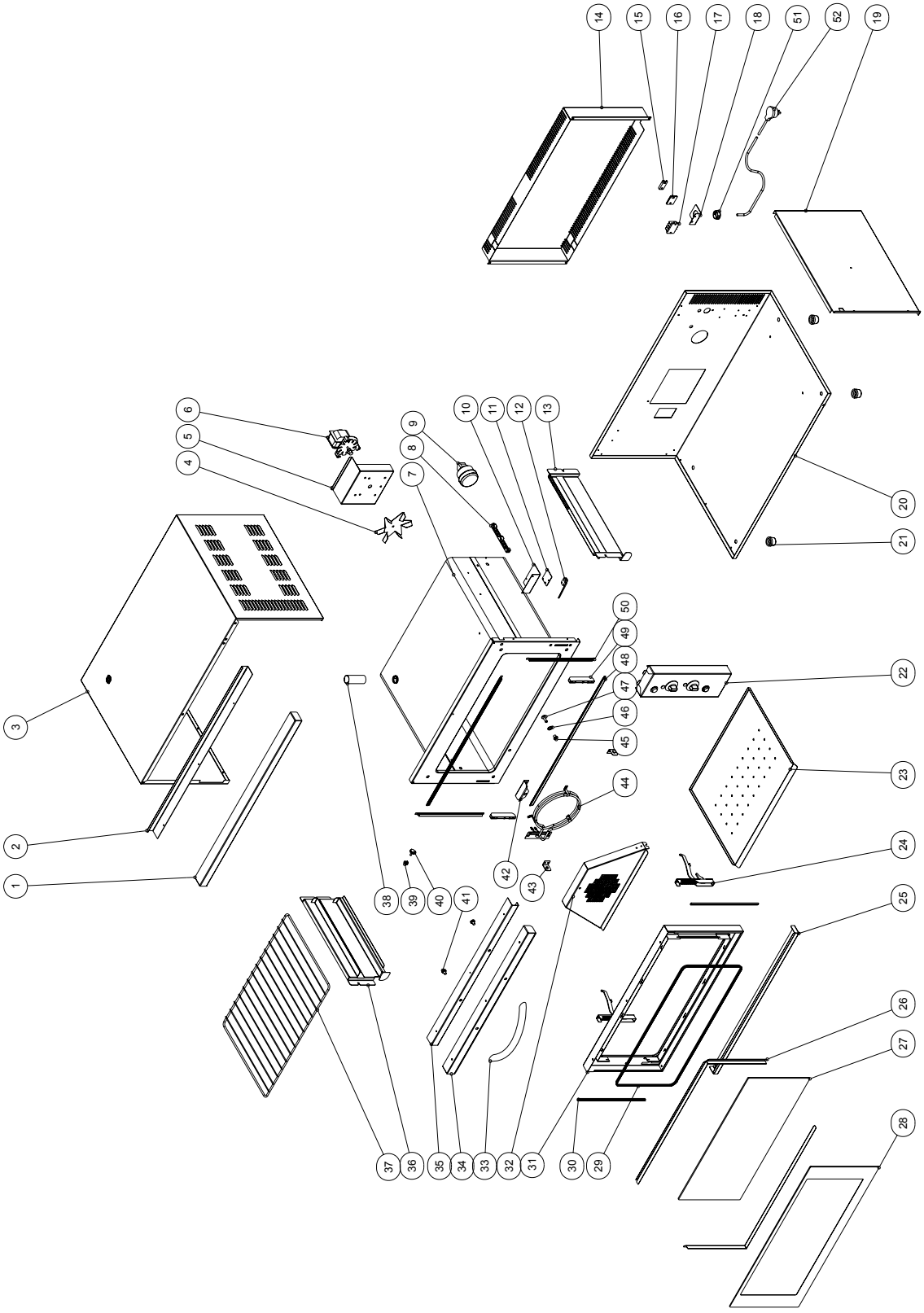
11. PARTS DIAGRAMS

11.1 MAIN ASSEMBLY - E26



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Pos	Part No.	Description
1	004856	LINTEL
2	023172	LINTEL SUPPORT
3	023184	WRAPPER
4	---------	FAN (Refer Item 6)
5	003016	MOTOR PLATE
6	013431K	MOTOR **(From S/N 250979)**
	022042	FAN
	023215	MOTOR / FAN **(Up to S/N 250978)**
7	004858	OVEN
8	017770	PHIAL GUARD
9	013520	OVEN LIGHT ASSEMBLY
10	023093	MICROSWITCH MOUNTING BRACKET
11	013977	MICROSWITCH INSULATION
12	003004	MICROSWITCH
13	024836	RH SIDE RACK
14	023170	COVER PANEL
15	002138	CABLE CLAMP
16	002441	INSULATOR
17	013586	TERMINAL BLOCK
18	018251	CABLE ENTRY
19	023186	INSULATION PANEL
20	023185	BODY
21	013908	FOOT
22	004852	CONTROL PANEL
23	004869	BOTTOM BAFFLE
24	023218	DOOR HINGE
25	023284	BOTTOM TRIM
26	004862	GLASS CLAMP ANGLE
27	023065	INNER GLASS
28	023064	OUTER GLASS
29	023229	INNER GLASS SEAL
30	023230	OUTER GLASS SEAL
31	004855	DOOR INNER PANEL
32	023382	BAFFLE RA
33	021468	DOOR HANDLE
34	023283	TOP TRIM
35	023187	HANDLE STIFFENER
36	024835	LH SIDE RACK
37	023273	OVEN RACK
38	023095	VENT TUBE
39	044215	CAGE NUT
40	023068	SIDE RACK SCREW
41	041410	M8 X 20
42	023387	BAFFLE SUPPORT
43	023384	BAFFLE PIVOT WA
44	023371	FAN ELEMENT 2.4 kW 240V
	023372	FAN ELEMENT 2.4 kW 220V
45	013610	DOOR BUSH
46	044210	SPIRE CLIP
47	021637	MICROSWITCH BUTTON
48	023192	TOP SEAL
49	023219	HINGE COUNTER BRACKET
50	023099	SIDE SEAL
51	019213	SNAP BUSH - 32mm
52	002414	10A CORDSET (AUSTRALIA / NEW ZEALAND ONLY)
	017453	13A FUSED CORDSET (UK ONLY)
	010162	15A POWERFLEX CORD (EXPORT ONLY)

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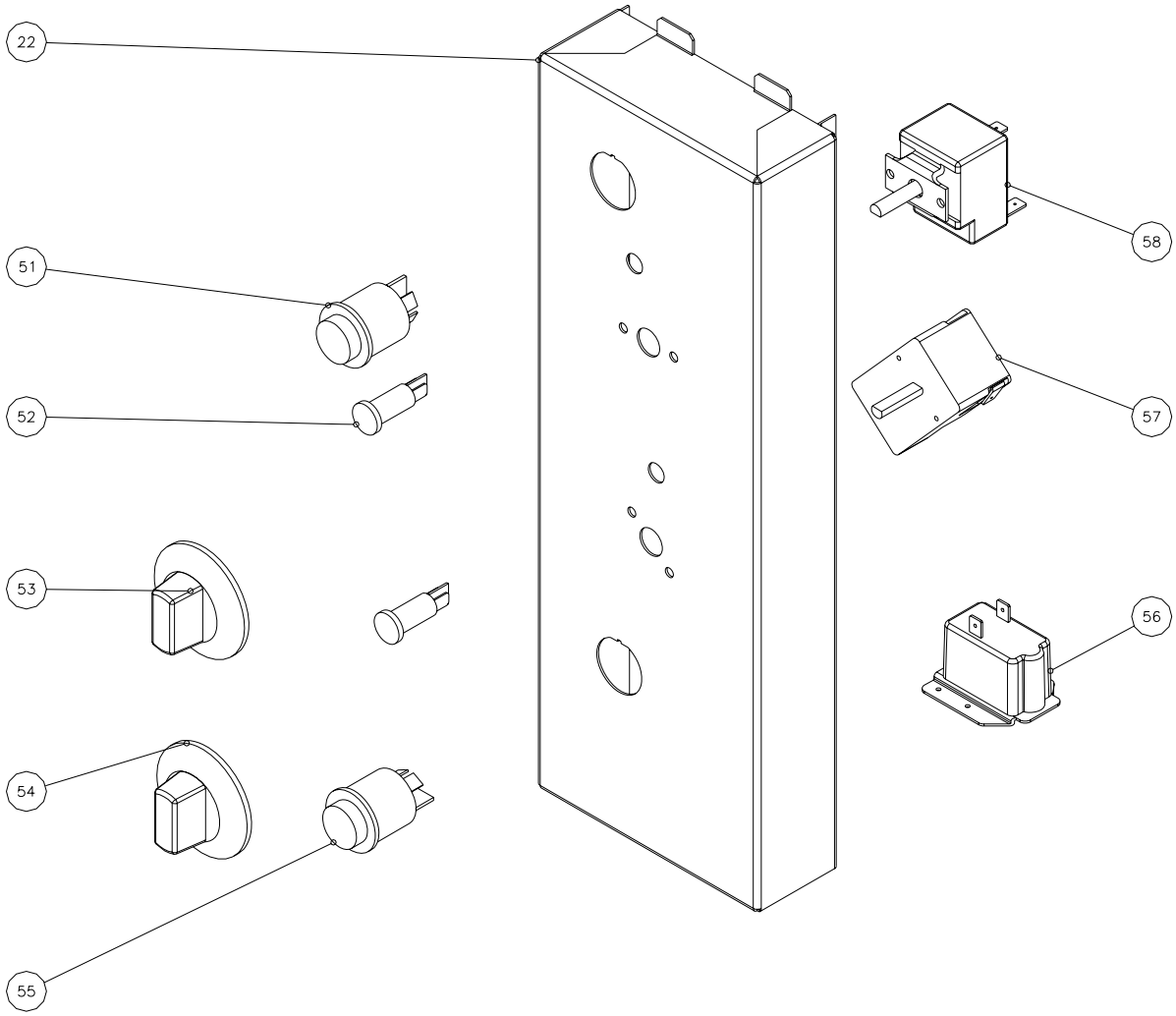
11.2 CONTROL PANEL ASSEMBLY - E26



Pos	Part No.	Description
22	004853	CONTROL PANEL—BAKBAR
22	004852	CONTROL PANEL—BLUE SEAL
51	021473	POWER SWITCH
52	020849	NEON
53	021472	KNOB THERMOSTAT
54	020823	KNOB TIMER
55	021474	LIGHT SWITCH
56	011794	BUZZER
57	023212	TIMER COUPATAN 60 MINUTE - TO S/N 228661
	011760	TIMER DIEHL 60 MINUTE - FROM S/N 228662
58	023211	THERMOSTAT

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11. SERVICE CONTACTS

AUSTRALIA

VICTORIA — HEAD OFFICE AND MAIN WAREHOUSE
740 Springvale Road
Mulgrave VIC 3170
Spare Parts Department

Tel (03) 9518 3888
Fax (03) 9518 3838
Free Call 1800 337 963
Fax (03) 9518 3895

NEW SOUTH WALES
Unit 8/142 James Ruse Drive
Rosehill NSW 2142
Spare Parts

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Fax (03) 9518 3895

QUEENSLAND
30 Prosperity Place
Geebung QLD 4034
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Fax (03) 9518 3895

SOUTH AUSTRALIA
Suite 8/71 Fullarton Rd
Kent Town SA 5067
Spare Parts

Tel (08) 8431 0522

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PO Box 689
Joondalup Business Centre WA 6027
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Tel (08) 9305 8855

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APPENDIX A. DOUBLE STACKING KIT (24316)

Kit Includes:			**Part No**
1	x	Vent Duct	24306
1	x	Vent Pipe	24307
1	x	Saddle Clamp	10023
1	x	Double Stack Front	04908
2	x	Double Stack Side	24313
1	x	Double Stack Rear	24312
24	x	3/8" x 8A Pozi Pan Hd Screw	41045
2	x	½" x 8 Phillips Head Black Screw	41046
2	x	Black Fibre Washer	10329

Assembly Instructions: (THE ELECTRICAL SUPPLY MUST BE DISCONNECTED)

A. **<u>Bottom Unit</u>** (Refer figure 1)

1. Position vent duct on bottom unit over oven vent. Temporarily locate double stack rear in correct position on top of bottom unit. Centrally locate the vent duct in the cut-out. Check that the oven vent is covered and mark the five hole positions (two down each side of the flue duct and one at front) on the oven wrapper.

2. Drill five ø3.5mm holes in the oven wrapper where marked.

3. Secure the vent duct to the wrapper with five 3/8" x 8A Pozi screws into these holes.

4. Undo the three screws securing the top lintel to the bottom oven, and remove the lintel. Remove the three screws from the top rear of the oven wrapper.

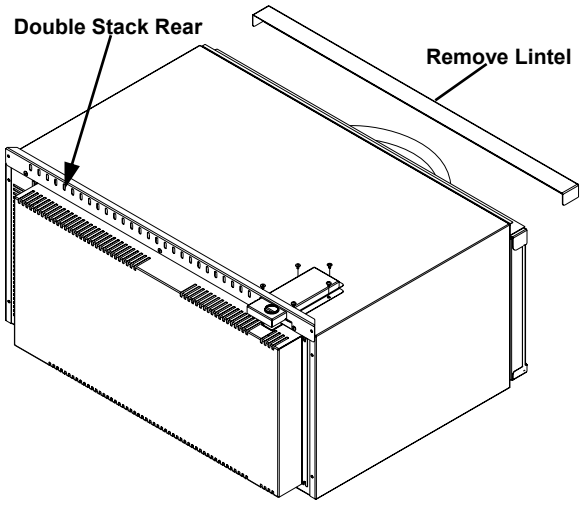

Figure 1

B. **<u>Top Unit</u>**

1. Remove all trays and racks from oven.
   Tip oven upside down and remove the feet screwed into the base.

2. Remove the six screws (three each side) securing the oven wrapper to the sides of the oven. Position the double stack sides flush with the sides and front of the oven, and secure each with three screws.

3. Remove the three screws along the front bottom edge of the oven. Position the double stack front over these three screw holes. Flush the ends of the double stack front with the sides of the unit and secure to the double stack sides using the two black screws (with fibre washers). Secure to bottom of oven with three screws.

4. Secure the double stack rear to the double stack sides with two screws.

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C. Stacking the Ovens (Refer figure 2)

1. With two persons, lift the top oven onto the bottom oven and position slightly forward so that the double stack front engages with the lintel support on the bottom oven, then slide the top oven back until the double stack sides are flush with the sides and rear of the bottom oven.

2. Secure double stack rear to bottom unit with three screws. Secure the double stack front to the lintel support of the bottom unit with three screws.

3. Remove the rear cover panel from the top unit. Fit the vent pipe to the vent duct then secure pipe to the rear panel of the top unit using the saddle clamp and two screws.
   (**NOTE:** for units manufactured before serial number 225805, the mounting holes for the saddle clamp will need to be drilled. Holding the vent pipe vertical, position the saddle clamp over the vent pipe approximately 75 mm below the top of the oven and drill two ø3.5mm holes).

4. Using pliers or similar, knock out the notches at the top and bottom of the rear cover panel that allow for the vent pipe. Refit the rear cover panel to the top unit.
   (**NOTE:** For units manufactured before serial number 225805, these notches will have to be cut. Mark a notch 30mm wide by 32mm deep in the appropriate place (refer figure 2 below) at the top and bottom of the cover panel. Hold rear cover panel against rear of top unit and check the position of the marked notches against the vent pipe. Cut out the notches and refit the rear panel.)

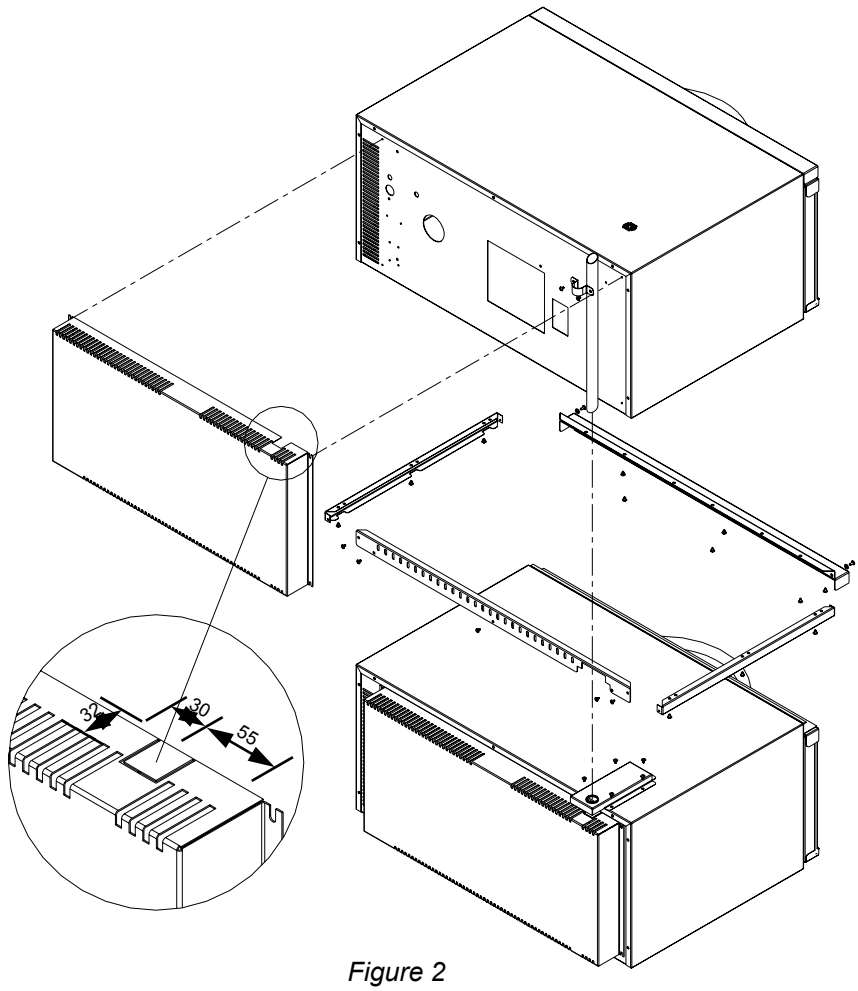

Figure 2

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